

SECTOR
Hardware and Software Requirements for Submitting
Electronic Collision Reports
Version 2.0

Washington State Department of Transportation

November 21, 2006

Disclaimer

The contents of this document are current as of the date shown.

Any agency that wishes to create electronic collision reports should incorporate the hardware and software requirements contained in this document in order for that collision report to be accepted by the Washington State Department of Transportation for inclusion into the Collision Location and Analysis System (CLAS).

For further information on this subject, contact:

Paul Sullivan
(360) 570-2412
sullivp@wsdot.wa.gov

SECTOR

eCollision Hardware and Software Requirements – Version 2.0

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Hardware Requirements

- Laptop Computer capable of supporting Windows 2000 or Windows XP operating system – Recommend minimum standards include at least a 1Ghz CPU, 20 Gig Hard Drive, 512KB RAM, Super VGA Video adapter capable of 1,024 X 768 or higher screen resolution and a CD ROM Drive.
- 2D Barcode scanner – Note: WSP uses an IT4600SF/SR Hand Held Products 2D Bar Code Scanner/Imager with a USB kit. There are many other non-imager models on the market that work with SECTOR at less cost.
- Printer – Note: WSP uses a Pentax PockJet 3+ Thermal Printer with perforated roll paper. There are many other inkjet and thermal strip printers that can work with SECTOR using either the 4” strip or 8-1x2 by 11” paper formats.
- Mounting hardware to secure the laptop, printer and scanner inside the patrol vehicle. WSP uses an Itronix Gobook 3 laptop, with mounting platform, and port replicator. The mount used is a Ledco Cobra Swing Arm pedestal and padded printer mount in the center console area. Again, there are many alternative solutions for mounting the hardware in the car. Recommend you consult with the vehicle maintenance representatives in your agency for the appropriate mounting solution for your agency.
- An Ethernet network card to enable the SECTOR client to connect to the back office to download updates, ticket inventory and to send/receive tickets and collision reports. SECTOR works in both direct connection and wireless network environments.
- A network connected either to the IGN or the Internet through (DIS Fortress Port 80 SSL).

Software Requirements

- Windows 2000 or Windows XP operating system
- Microsoft .Net Framework 2.0
- Anti-virus software with current virus definition files
- Visual Statement’s Smart Roads Collision Diagramming application (license covered under WSDOT statewide contract)
- SECTOR application or equivalent application that incorporates standard business edits and XML schema
- Drivers for barcode scanner
- Drivers for printer
- Settings, unique to each department that would allow the laptop to connect to the law enforcement agency’s network.